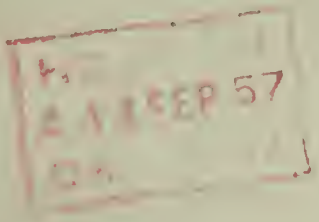


Kelly



NEWPORT PAGNELL RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for

The Year 1956.



NEWPORT PAGNELL RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for the year

1956

Chairman of the Council: Alderman S. W. Lord, J.P.

PUBLIC HEALTH COMMITTEE

Chairman: R. G. Bellchambers.

Councillors: J. H. Baxter, Genl. H. Blount, D.S.O., J.P., A. Crouch,
H. F. Dolling, W. F. Finn-Kelcey, J. S. Goss, J. H. Green, J.P.,
E. Gurney, N. J. Gurney, Mrs. V. M. Hatton, Revd. P. Hemming, M.A.,
E. Holdom, C. Hutton, W. E. Jarvis, A. Lyon, H. J. Osborn,
J. R. Powell, Miss S. K. A. Uthvatt, G. F. Wesley, G. Williams.

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH

D. H. WALDRON, O.B.E., M.D., D.P.H., D.T.M. & H., COL.I.M.S. (RETD).

(The Medical Officer of Health is also M.O.H. for Buckingham M.B., the Urban Districts of Bletchley, Linslade, Newport Pagnell and Wolverton, the Rural Districts of Buckingham and Wing, Area M.O. for North Bucks and Buckingham and Winslow Division).

DEPUTY MEDICAL OFFICER OF HEALTH

F. SEYMOUR, M.B., CH.B., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR.

F. LOCKWOOD, M.Inst.B.E., M.A.P.H.I., M.R.S.H.

ADDITIONAL PUBLIC HEALTH INSPECTOR

W. R. H. GILLING, M.A.P.H.I., A.R.S.H.



Council Offices,
7, Station Road,
NEWPORT PAGNELL,
Bucks.

TO THE CHAIRMAN AND COUNCILLORS OF THE RURAL DISTRICT
OF NEWPORT PAGNELL.

Ladies & Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for the year 1956.

The Birth Rate shows a satisfactory rise over last year being 3 points higher than that figure and over 4 points higher than that for the rest of the Country.

The Death Rate shows a slight rise but still remains below the level of that for the Country ~~as~~ a whole. Of the 190 deaths 129 were due to Heart and Allied Diseases and Cancer.

The Infantile Mortality Rate remains low being $7\frac{1}{2}$ points below the Rate for the rest of the Country.

The introduction of vaccination against Active Poliomyelitis was a great step forward in our fight against this disease. Unfortunately the supplies of vaccine were very limited and only a small proportion of the children who registered obtained the benefit of this inoculation.

Regular and large supplies are promised for 1957 when vaccination will be carried out throughout the year.

In December the Mass Radiography Unit visited the Diplomatic Wireless Service at Hanslope when 274 persons were X-rayed, a response of 94%. One case of active Pulmonary Tuberculosis was discovered. Mass Radiography is an invaluable aid in the fight against Tuberculosis and it is to be hoped that in the not too distant future everybody will have the opportunity of an annual X-ray of the chest.

I should like to record another year of pleasant co-operation with Mr. Dunbabin your Clerk, Mr. Lockwood your Chief Health Inspector and their Staffs.

I am,
Your obedient servant,

DANIEL H. WALDRON.

Medical Officer of Health.



SECTION A.

GENERAL STATISTICS:-

								1955	1956
Area (in acres)	..	..	..	..	..	..	..	61,686	61,686
Population	..	..	..	..	..	..	..	14,150	14,070
Number of inhabited houses	..	..	..	..	..	..	..	4,970	5,000
Rateable Value	..	..	..	..	..	..	..	£67,452.	£123,602.
Sum represented by a ld. Rate (estimated)	..	..	..	..	..	..	..	£270.	£489.

VITAL STATISTICS:-BIRTHS:-

								1955	1956
Legitimate (Males)	..	..	..	..	..	..	..	111	115
" (Females)	..	..	..	..	..	..	..	86	119
Illegitimate (Males)	..	..	..	..	..	..	..	4	4
" (Females)	..	..	..	..	..	..	..	5	4
Stillbirths	..	..	..	..	..	..	..	1	8
Birth Rate per 1,000 population	..	..	..	..	..	..	..	17.0	20.1
" " " " " (Bucks)	..	..	..	..	..	..	..	15.4	16.3
" " " " " (England & Wales)	..	..	..	..	..	..	..	15.0	15.7

DEATHS:-

Males	..	..	..	..	..	..	..	89	96
Females	..	..	..	..	..	..	..	84	94
Death Rate per 1,000 population	..	..	..	..	..	..	..	9.1	10.9
" " " " " (Bucks)	..	..	..	..	..	..	..	9.8	9.9
" " " " " (England & Wales)	..	..	..	..	..	..	..	11.7	11.7
Maternal Mortality	..	..	..	..	..	..	..	Nil	Nil
" " (Bucks)	..	..	..	..	..	..	..	0.31	0.43
Infantile Mortality	..	..	..	..	..	..	..	14.6	16.5
" " (Bucks)	..	..	..	..	..	..	..	20.0	17.1
" " (England & Wales)	..	..	..	..	..	..	..	24.9	23.8

PRINCIPAL CAUSES OF DEATH:-

PRINCIPAL CAUSES OF DEATH:-						1955			1956		
						M.	F.	T.	M.	F.	T.
Tuberculosis, respiratory	..	..	..	..	..	0	0	0	1	0	1
Tuberculosis, other	..	..	..	..	..	0	0	0	0	0	0
Meningococcal Infections	..	..	..	..	..	0	0	0	0	0	0
Acute Poliomyelitis	..	..	..	..	..	0	0	0	0	0	0
Cancer	..	..	..	..	..	19	12	31	11	24	35
Leukæmia	..	..	..	..	..	0	0	0	0	1	1
Diabetes	..	..	..	..	..	0	1	1	0	2	2
Cerebral Hæmorrhage	..	..	..	..	..	12	14	26	11	13	24
Heart Disease	..	..	..	..	..	28	38	66	35	31	66
Other Circulatory Diseases	..	..	..	..	..	3	9	12	2	1	3
Influenza	..	..	..	..	..	1	0	1	0	0	0
Pneumonia	..	..	..	..	..	5	3	8	7	5	12
Bronchitis	..	..	..	..	..	2	1	3	10	0	10
Digestive Diseases	..	..	..	..	..	4	0	4	2	0	2
Nephritis	..	..	..	..	..	1	0	1	1	1	2
Hyperplasia of Prostate	..	..	..	..	..	2	0	2	2	0	2
Pregnancy, Childbirth, Abortion	..	..	..	..	..	0	0	0	0	0	0
Congenital Malformations	..	..	..	..	..	2	0	2	1	1	2
Accidents	..	..	..	..	..	3	2	5	8	3	11
Suicide	..	..	..	..	..	1	0	1	1	0	1
All other causes	..	..	..	..	..	6	4	10	4	12	16
TOTALS						89	84	173	96	94	190

SECTION B

GENERAL PROVISION OF HEALTH SERVICES

1. LABORATORY SERVICES.

Specimens for bacteriological investigation were sent to the Public Health Laboratories at Northampton and Bedford. Specimens for qualitative and quantitative analysis were sent to London.

2. AMBULANCE SERVICES.

This service, which is controlled by the County Health Department maintains two motor ambulances and one sitting case car in Newport Pagnell, supplemented if necessary by ambulances from other areas in North Bucks.

3. HOME NURSING AND MIDWIFERY.

The District Nurses in the Newport Pagnell Rural Area carried out their duties in their usual conscientious manner.

4. CLINICS.

(a) Child Welfare Centres:-

There are five static Welfare Centres serving the district. They are located as follows:-

Castlethorpe (once monthly).
Hanslope (once monthly).
Newport Pagnell (twice monthly).

Olney (twice monthly).
Mogburn Sands (twice monthly).

In addition the following villages were visited by the Mobile Welfare Unit:-

Stoke Goldington	Willen	Simpson	Sherington
Ravenstone	Woolstone	Milton Keynes	Lavendon
Filgrave	Woughton	Little Brickhill	Newton
Astwood	North Crawley	Loughton	Blossomville.

The District Nurse and Health Visitor attended each session and a Medical Officer attended once a month. In addition to the normal work of a Child Welfare Centre immunisation against Diphtheria and Whooping Cough was also carried out. These centres have done excellent work during the year and total attendances of children was 3084. I should like to draw attention to the valuable work done by the Ladies Voluntary Committees at these centres.

(b) Chest Clinics:-

Administered jointly by the County Health Department and the Regional Hospital Board, Chest Clinics serving this area are held at Wolverton and Bletchley. A specialist in Chest Diseases attends once a week and these Clinics are doing excellent work particularly in the fight against Tuberculosis.

(c) Orthopaedic Clinic:-

This Clinic administered by the Regional Hospital Board is held twice monthly at Wolverton Road, Newport Pagnell.

5. HOME HELPS SERVICE.

This Service, introduced under the National Health Service Act, 1946, is helping a lot of people annually. During 1956 a total of 76 cases were assisted.

6. HOSPITALS.

The following hospitals have received cases from the area during the year:-

Northampton General	Bedford General
Harborough Road	Royal Bucks
Creton Sanatorium	Tindal House, Aylesbury
Renny Lodge	Westbury, Newport Pagnell



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29907925>

SANITARY CIRCUMSTANCES OF THE AREA

(A) WATER.

Source of Supply - Olney

During the year this source of supply has been far more satisfactory due to the reducing of the load by the coming into operation of the trunk main and excluding Lavendon reasonable pressures have been maintained.

Chlorination of supplies has been carried out and the regular bacteriological examinations of the water submitted for analysis have in all cases been satisfactory.

Chemical Analysis:-

This sample is reasonably clear and bright in appearance, on the alkaline side of neutrality and free from iron and other metals. The water is moderately hard in character and it contains no excess of salinity or mineral constituents in solution. It is free from noticeable colour and of satisfactory organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for drinking and domestic purposes.

Great Linford Source:-

The supply has been adequate in quantity throughout the year, but only frequent sampling and a most careful supervision has enabled a satisfactory quality of water to be available to the public. The main from Woolstone is shortly to be carried out when it will enable a much more satisfactory water to be distributed.

Chemical Analysis:-

This sample is clear and bright in appearance, neutral in reaction and free from metals apart from a negligible trace of iron. The water is very hard in character though not excessively so and it contains no excess of salinity or mineral constituents in solution. It is of satisfactory organic quality.

From the aspect of the chemical analysis and apart from the objection that the water is very hard, these results are indicative of a pure and wholesome character and suitability for drinking and domestic purposes.

Haversham Source:-

A constant supply has been maintained throughout the year except during temporary breakdowns through electrical faults at the Pumping Station. Regular chlorination has secured a satisfactory quality of water to be available to the public.

The trunk main is now laid and the reservoir in course of construction should enable Birchmoor water to be available in the village in some 4 to 6 months.

Chemical Analysis:-

This sample is clear and bright in appearance and free from metals apart from a negligible trace of iron. The water is just on the acid side of neutrality and has a very high content of free carbon dioxide; a corrosive tendency towards metals would therefore be expected but the water would not tend to be plumbo-solvent. The water is very hard in character but not excessively so and it contains no excess of salinity or mineral constituents in solution. It is of very satisfactory organic quality.

From the aspect of the chemical analysis these results are indicative of a wholesome water suitable for public supply purposes apart from the objections to the corrosive character and the high degree of hardness.

Tyringham Private Supply:-

This installation has been reasonably well maintained and only on one occasion has the water been other than of first class standard. This was quickly remedied by the Estates when their attention was drawn to the matter.

Birchmoor Source:-

This supply continues to give every satisfaction both as to quality and quantity and with the trunk main now coming into operation should enable satisfactory pressures to be maintained throughout the whole of the area which it serves.

The North Crawley extension to East End is completed and in operation and supplies are also available to Filgrave, Gayhurst and Little Linford via the trunk main. I trust that it will soon be possible to carry out the scheme for improving the pressures in Lavendon and extending the supply to Cold Brayfield.

Chemical Analysis:-

This sample has opalescence and deposit, due to the presence of an appreciable and therefore objectionable amount of iron. It is free from other metals apart from a negligible trace of copper. The water is slightly acid in reaction and it is also soft in character; a corrosive tendency towards metals would therefore be expected. The water contains no excess of salinity or mineral constituents in solution and it is of very satisfactory organic quality.

From the aspect of the chemical analysis and apart from the objection to the corrosive characteristics, these results are indicative of a pure and wholesome water suitable for drinking and domestic purposes.

Bow Brickhill Reservoir (Birchmoor).

Chemical Analysis:-

This sample is clear and bright in appearance and free from iron and other metals. The water is acid in reaction, soft in character and has a comparatively small content of alkalinity. The water would therefore be expected to be corrosive. It contains no excess of salinity or mineral constituents in solution and it is of the highest standard of organic quality.

From the aspect of the chemical analysis and apart from the objection to the corrosive characteristics, the results are indicative of a pure and wholesome water suitable for public supply purposes.

Total consumption for the whole district for all purposes for the year 1956 from all sources:

						<u>Gallons</u>	
Overbrook Works, Weston Underwood	..	..	..	..	..	50,044,000.	
Birchmoor Total	..	..	..	..	..	66,633,000.	
Bucks Water Board Total	..	..	..	..	..	5,645,000.	
Newport Pagnell U.D.C. via Lathbury	..	..	..	..	..	934,000.	
Great Linford	..	..	..	..	..	4,276,000.	
Haversham	..	..	..	..	..	8,013,000.	
Hanslope	..	..	..	..	..	7,409,000.	
						<hr/>	
						142,954,000	<hr/>

(E) DRAINAGE AND SEWERAGE.

Existing Sewerage Works.

Olney Works:-

The pumps, motors and disposal works have worked very satisfactorily throughout the year and only on one occasion has the effluent been found to be a little below the desired standard. This was quickly remedied and a satisfactory effluent obtained thereafter

Sherington Works:-

This plant still continues to give excellent service and in spite of the increased number of houses erected in the village a satisfactory effluent has been maintained throughout the year.

Haversham Works - Fields Estate:-

These works continue to give every satisfaction, a good effluent having been maintained throughout the year. Improvements to the fencing are urgently needed to prevent damage by children.

Haversham Works - Manor Estate:-

This plant has worked satisfactorily throughout the year and the fencing has successfully prevented further damage thereto by children.

Milton Keynes Works:-

No difficulties have been experienced with this plant which continues to give good service.

Little Brickhill Works:-

This plant has worked satisfactorily throughout the year though scouring of the effluent ditch is still giving a certain amount of trouble. This should be eliminated when the Highway Authority carry out modifications to their highway drainage system in the near future.

Weston Underwood Works:-

This plant is working satisfactorily and a good effluent has been maintained.

Bow Brickhill Works:-

These works are now in full operation. The properties are all connected thereto and an effluent of reasonable standard has been maintained.

Bradwell Works:-

This pumping Station and sewers are complete but owing to the delay in the construction of a grit retention chamber is not yet in full operation.

Emberton Works:-

This scheme is now in full operation and the properties are rapidly being connected thereto. Trouble has been experienced with a blockage in the rising main but this has now been remedied by the Contractor.

Birchmoor Joint Committee Scheme:-

These works have given every satisfaction during the year. We are still awaiting the Ministry's approval to our scheme for sewerage the remainder of Wavendon village which will be pumped thereto.

Hanslope and Lavendon Schemes:-

These schemes are still awaiting Ministry's approval and the allocation of a starting date.

Castlethorpe Scheme:-

This scheme is prepared and approved in principle and I trust will receive permission to commence from the Ministry at an early date.

NORTHERN DEPOT

Night Soil Collection and Cesspool Cleansing, Etc.

Total hours worked	..	..	..	..	..	..	..	6,269 $\frac{1}{2}$
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	309 hours.
Mileage covered	..	..	..	..	..	..	..	10,229.
Fuel consumed - gallons	..	..	..	..	..	..	..	947 $\frac{1}{2}$
Average miles per gallon	..	..	..	..	..	..	..	10.795

Details of work carried out:-

Number of pails cleansed	..	..	..	..	..	..	..	47,985
Number of privies cleansed	..	..	..	..	..	..	..	32
Number of cesspools cleansed	..	..	..	..	..	..	..	215
Number of visits to Trade Premises	..	..	..	..	..	..	..	110

SOUTHERN DEPOT

Night Soil Collection and Cesspool Cleansing, Etc.

Total hours worked	..	..	..	..	..	..	..	5,969
Absence due to sickness, holidays, Etc.	..	..	..	..	..	..	..	309 hours.
Mileage covered	..	..	..	..	..	..	..	15,212
Fuel consumed - gallons	..	..	..	..	..	..	..	1,113
Average miles per gallon	..	..	..	..	..	..	..	13.667

Details of work carried out:-

Number of pails cleansed	..	..	..	..	..	..	..	34,962
Number of privies cleansed	..	..	..	..	..	..	..	1,092
Number of cesspools cleansed	..	..	..	..	..	..	..	248
Number of visits to Trade Premises	..	..	..	..	..	..	..	42

NORTHERN DEPOT REFUSE COLLECTION

Total hours worked	..	..	..	..	..	..	..	10,628 $\frac{1}{2}$
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	574 hours.
Mileage covered	..	..	..	..	..	..	..	9,230
Petrol consumed - gallons	..	..	..	..	..	..	..	1,042
Average miles per gallon	..	..	..	..	..	..	..	8.858

Details of work carried out:-

Number of properties cleansed	..	..	..	..	..	..	..	83,730
Number of Bins cleansed	..	..	..	..	..	..	..	96,921

In addition 4 $\frac{1}{2}$ loads of street sweepings have been cleared.

SOUTHERN DEPOT REFUSE COLLECTION

Total hours worked	..	..	..	..	..	..	..	10,415 $\frac{1}{4}$
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	634 hours
Mileage covered	..	..	..	..	..	..	..	7,452
Petrol consumed - gallons	..	..	..	..	..	..	..	1,135
Average miles per gallon	..	..	..	..	..	..	..	6.569

Details of work carried out:-

Number of properties cleansed	..	..	..	..	..	..	..	62,924
Number of Bins cleansed	..	..	..	..	..	..	..	78,606

SECTION E.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding Cows.	Cows.	Calves	Sheep & Lambs	Pigs	Horses
Number killed (if known).	527	77	18	1518	609	Nil
Number inspected	527	77	18	1518	609	Nil
All diseases except Tuberculosis and Cysticerci: Whole carcasses condemned	2	Nil	Nil	2	Nil	Nil
Carcasses of which some part or organ was condemned	18	15	Nil	21	4	Nil
Percentage of the number inspected affected with disease other than Tuberculosis and cysticerci	3.79	19.48	Nil	1.51	.65	Nil
Tuberculosis only: Whole carcasses condemned	1	1	Nil	Nil	1	Nil
Carcasses of which some part or organ was condemned	21	16	Nil	Nil	6	Nil
Percentage of the number inspected affected with Tuberculosis	4.17	22.07	Nil	Nil	1.14	Nil
Cysticercosis: Carcasses of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcasses submitted to treat- ment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil	Nil

SECTION F.

FACTORIES ACTS, 1937 and 1948

1. INSPECTIONS (Including Inspections made by Sanitary Inspectors).

Premises	No. on Register	Inspections	Number of Written Notices
(i) Factories under Local Authority Control	58	125	1
(ii) Factories under Local Authority Control (for sec. 7 only).	71	142	6
(iii) Other premises (excluding outworkers)	16	32	Nil
TOTAL	145	299	7

2. DEFECTS FOUND

Particulars	Found	Remedied	Referred by H.M. Inspector.
Lack of cleanliness	3	3	Nil
Overcrowding	Nil	Nil	Nil
Unreasonable temperature	Nil	Nil	Nil
Inadequate ventilation	1	1	Nil
Ineffective drainage of floors	Nil	Nil	Nil
Sanitary Conveniences:-			
(a) Insufficient	Nil	Nil	Nil
(b) Unsuitable or defective	3	3	Nil
(c) Not separate for sexes	Nil	Nil	Nil
Other offences against the Act (not including offences relating to outwork)	5	4	Nil
TOTAL	12	11	Nil

3. PROSECUTIONS - Nil.

4. OUTWORKERS (Sections 110 and 111).

Number of outworkers making wearing apparel

5

5

SECTION G.

PREVALENCE OF AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES.

1. GENERAL.

No epidemics occurred during the year.

2. NOTIFICATIONS.

Whooping Cough	..	5
Measles	..	22
Pneumonia	..	2

3. TUBERCULOSIS.

Four cases were notified during the year, 3 pulmonary and 1 non-pulmonary.
There was one death.

4. CANCER.

There were 35 deaths from this disease during the year.

